



CWSRF Projects C6-6020-05-00 & 05-70

Village of Sackets Harbor

Jefferson County

Wastewater Collection Improvements and Treatment Plant Replacement

Type of Financing: Short-Term Interest-Free and American Recovery and Reinvestment Act (ARRA) Funds

Estimated Amount to be Financed: \$8,200,000

EPA Approved Green Project Reserve: \$1,597,024

Estimated ARRA Principal Forgiveness: \$4,351,012

Estimated Principal of Long-Term Financing: \$3,848,988

Other Funding Sources: None

Prior CWSRF Recipient: Yes (X) No ()

Hardship Determination: Yes (X) No ()

Project Description:

This action consists of financing costs associated with planning, design and construction of improvements to the Village of Sackets Harbor wastewater collection and treatment systems. This project is defined by the engineering report entitled "Village of Sackets Harbor Wastewater Facilities Municipal Compliance Plan" dated January 2004 and revised May, 2008 and February, 2009, prepared by Bernier Carr & Associates. This report was supplemented to add Green Project Reserve features by the engineering report entitled "Basis of Design, Village of Sackets Harbor, Wastewater Facilities Improvements, ARRA Green Project Reserve Report" dated June 30, 2009 that was approved by NYS Department of Conservation on June 30, 2009 and determined eligible by the NYS Environmental Facilities Corporation on November 30, 2009.

Project Summary:

The Village of Sackets Harbor is located on Lake Ontario, western Jefferson County and has operated a wastewater collection and treatment system since 1927. Excessive flow resulting from the deteriorating collection sewers has negatively impacted the operation of the Village system. A number of improvements have been made to the system, financed through the CWSRF. This project will implement the system improvements, including replacement of the current treatment plant, identified in the most recent engineering investigations and report.

Green Project Reserve (GPR) funding will enable the Village to improve the energy efficiency of the wastewater treatment facility. The Village will install improvements to the facility's pumping, sequencing batch reactor aeration system, sludge processing, heating, cooling, lighting and photovoltaic system. In addition, water quality impacts from impervious areas of the treatment plant will be mitigated by the installation of pervious pavement and rain gardens to allow groundwater recharge of the runoff. The purchase of a hybrid utility truck will reduce the consumption of fossil fuels and reduce the carbon footprint of operating the wastewater facility. The Village will also install replace existing water meters to improve the accuracy of water consumption data acquisition within the Village. These proposed improvements have been approved by the U.S. Environmental Protection Agency as eligible GPR infrastructure under the American Recovery and Reinvestment Act of 2009.

Financing Summary:

Total project costs of \$8,200,000 will be funded with a combination of CWSRF short-term interest-free financing, principal forgiveness and a Green Project Reserve grant. The Village plans to convert to interest-free long-term financing in 2010.

SEQR Findings:

The Corporation has determined that this action will finance the construction of a project that will not have a significant effect on the environment: (1) the DEC has certified that this project is in compliance with the SERP; (2) no potentially large impacts have been identified; and (3) the Village of Sackets Harbor, acting as lead agency, has determined that the project will not have a significant effect on the environment.

Construction Schedule:

<u>Description</u>	<u>Construction Start</u>	<u>Construction Completion</u>
General Construction	October 1, 2009 (T)	December 1, 2010 (T)